

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/009678

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B29C33/40 B29C33/42 B29C33/56 B29C41/20 B29C33/38		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 B29C H01J G09F C03C		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2004/010452 A (3M INNOVATIVE PROPERTIES COMPANY; YOKOYAMA, CHIKAFUMI; KAWAI, TAKAYUKI) 29 January 2004 (2004-01-29) page 6, line 5 - line 20; figures page 8, line 11 - line 25 page 11, line 21 - page 16, line 29	1-6, 9, 12-14, 20, 21
X	US 5 443 774 A (KLUEH ET AL) 22 August 1995 (1995-08-22)	1-3, 6, 7, 21
Y	column 2, line 61 - column 3, line 5; claim 1; figures	4, 5, 20
Y	EP 0 382 420 A (MINNESOTA MINING AND MANUFACTURING COMPANY) 16 August 1990 (1990-08-16) claim 1; figures	4, 5, 20
-/-		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>* Special categories of cited documents:</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 45%;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*&* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search	Date of mailing of the international search report	
29 September 2005	10/10/2005	
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Mathey, X	

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2004/007166 A (3M INNOVATIVE PROPERTIES COMPANY; YOKOYAMA, CHIKAFUMI; YODA, AKIRA; KI) 22 January 2004 (2004-01-22) page 7, line 15 - page 9, line 30; figures page 10, line 13 - page 13, line 19	1-6, 9, 12-14, 20, 21
X	US 4 929 403 A (AUDSLEY ET AL) 29 May 1990 (1990-05-29)	1-3, 6, 7, 12, 13
Y	column 11, line 57 - column 12, line 17; claims 1, 2, 18	20, 21
A	column 1, line 7 - line 11	9-11
Y	US 2003/029553 A1 (TOYODA OSAMU ET AL) 13 February 2003 (2003-02-13)	20, 21
A	page 2, paragraph 28 - page 3, paragraph 45; figures	1-19
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 20, 10 July 2001 (2001-07-10) & JP 2001 058352 A (DAINIPPON PRINTING CO LTD), 6 March 2001 (2001-03-06) abstract; figure 1	1-6, 14
X	PATENT ABSTRACTS OF JAPAN vol. 013, no. 077 (M-801), 22 February 1989 (1989-02-22) & JP 63 278808 A (TOKAI CARBON CO LTD), 16 November 1988 (1988-11-16) abstract; figure	1
X	US 4 834 929 A (DEHOFF ET AL) 30 May 1989 (1989-05-30)	1
A	column 3, line 21 - line 49; figures	21

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Information on patent family members

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